

B 1 1252
 SEQUENCE NO. (WRA USE ONLY)
 1 2 3 (SEQ. NO.) 6
 (THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS)

STATE OF MARYLAND
WATER RESOURCES ADMINISTRATION
TAWES STATE OFFICE BLDG., ANNAPOLIS, MARYLAND 21401
APPLICATION FOR PERMIT TO DRILL WELL

WRA PERMIT NUMBER
HO-73-2699
FILL IN THIS FORM COMPLETELY

DATE RECEIVED (WRA USE ONLY)
OWNER Alexander Thomas
 COL 15 LAST NAME FIRST NAME COL. 34
STREET OR RFD 705...
 COL 36 COL. 55
POST OFFICE...
 COL 57 COL. 76

B 1 CONTINUED **DRILLER INFORMATION**
 1 2 3 (SEQ. NO.) 6
DATE 3/29/79 **LICENSE NUMBER** 42
 77 50
FIRST NAME L.F. **DRILLER** **LAST NAME** Eastender
SIGNATURE L.F. Eastender

B 3 **LOCATION OF WELL**
 1 2 3 (SEQ. NO.) 6
COUNTY Howard 21
SUBDIVISION 23 42
SECTION 44 46 48 50
NEAREST TOWN...
 52 71
MILES FROM TOWN (ENTER 0 IF IN TOWN) 2
 79 76 77 78

B 2 **WELL INFORMATION**
 1 2 3 (SEQ. NO.) 6
MAXIMUM PUMPING RATE (GALLONS PER MINUTE) 5
 8 12
AVERAGE DAILY QUANTITY NEEDED (GALLONS PER DAY) 600
 14 20

B 4 **DIRECTION FROM TOWN (CIRCLE APPROPRIATE BOX)**
 1 2 3 (SEQ. NO.) 6
 N NORTH E EAST NE NORTHEAST SE SOUTHEAST
 S SOUTH W WEST NW NORTHWEST SW SOUTHWEST
NEAR WHAT ROAD...
 ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX) N S E W
 32 32 32 32
DISTANCE FROM ROAD (ENTER DISTANCE AND CIRCLE APPROPRIATE BOX) 150
 34 37 38 39

USE FOR WATER (CIRCLE APPROPRIATE BOX)
 D HOME (SINGLE OR DOUBLE HOUSEHOLD UNIT ONLY)
 F FARMING, AGRICULTURE, IRRIGATION
 I INDUSTRIAL, COMMERCIAL, STATE AND FEDERAL GOVERNMENT
 M MUNICIPAL WATER SUPPLY } MUST HAVE STATE HEALTH DEPT. APPROVAL
 P PRIVATE WATER COMPANY }
 T TEST

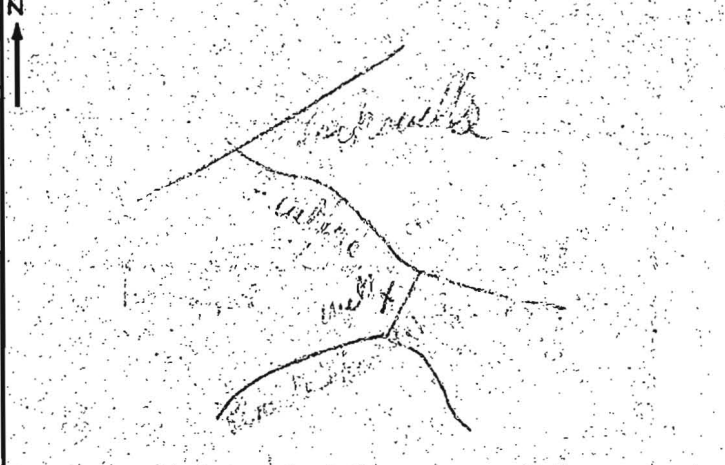
DRAW A SKETCH BELOW SHOWING LOCATION OF WELL IN RELATION TO NEARBY TOWNS, ROADS AND STREAMS WITH NORTH IN THE DIRECTION OF THE ARROW, AND GIVE DISTANCE FROM WELL TO NEAREST ROAD JUNCTION OR STREAM CROSSING SHOWN ON THE SKETCH. ALSO SHOW, BY MEANS OF AN "X", THE WELL LOCATION IN THE BOX BELOW AND THE BOX NUMBER FROM THE WELL LOCATION MAP.

APPROXIMATE DEPTH OF WELL 24 28 FEET
 24 28

APPROXIMATE DIAMETER OF WELL 6" (NEAREST INCH)

METHOD OF DRILLING USED (CIRCLE APPROPRIATE METHOD)
BORED (OR AUGERED) **JETTED** **DRIVEN**
 30-37 AIR-ROTARY AIR-PERCUSSION ROTARY (HYDRAULIC ROTARY)
 CABLE REVERSE-ROTARY DRIVE-POINT
OTHER (DESCRIBE)

REPLACEMENT OR DEEPEINED WELLS (CIRCLE APPROPRIATE BOX)
 N THIS WELL WILL NOT REPLACE AN EXISTING WELL
 Y THIS WELL WILL REPLACE A WELL THAT WILL BE ABANDONED AND SEALED
 S THIS WELL WILL REPLACE A WELL THAT WILL BE USED AS A STANDBY
 D THIS WELL WILL DEEPEIN AN EXISTING WELL PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPEINED (IF AVAILABLE)
 41 52



NOT TO BE FILLED IN BY DRILLER (WRA USE ONLY)
APPROPRIATION PERMIT NUMBER 54 **ENGINEER REVIEW DISTRICT NO.** 65
FORCE **WRITE INITIALS IN BOX** **CONDITIONS** 70 71 72 73 74 75 76 77 78 79

BOX NUMBER E 326
 N 490
NORTH COORDINATE 490000
 50 51 52 53 54 55
EAST COORDINATE 185170
 57 58 59 60 61 62 63
ELEVATION AT WELL HEAD (FEET) 65 66 67 68
 O/S 5/0

B 4 CONTINUED **HEALTH DEPARTMENT APPROVAL**
 1 2 3 (SEQ. NO.) 6
STATE HEALTH (CIRCLE BOX) Howard W27748
 41 **MO. DAY YR.** **COUNTY NAME** **COUNTY NO.**
DATE 5/10/79
 43 48

B 5 **SPECIAL CONDITIONS 8-63 (WRA USE ONLY)**
 1 2 3 (SEQ. NO.) 6

C 1 **3924** SEQUENCE NO. (WRA USE ONLY)

1 2 3 (SEQ. NO.) 6

(THIS NUMBER IS TO BE PUNCHED IN COLUMNS 3-6 ON ALL CARDS)

STATE OF MARYLAND
WATER RESOURCES ADMINISTRATION
 TAWES STATE OFFICE BLDG., ANNAPOLIS, MD. 21401
WELL COMPLETION REPORT

THIS REPORT MUST BE SUBMITTED WITHIN 30 DAYS AFTER WELL COMPLETION

FILL IN THIS FORM COMPLETELY

COUNTY NUMBER

DATE RECEIVED (WRA USE ONLY) 2/2/78

DATE WELL COMPLETED

8-13 15 20

DEPTH OF WELL 140

22 (TO NEAREST FOOT) 26

PERMIT NO. FROM "PERMIT TO DRILL WELL"

40-29-2074

28 29 30 31 32 33 34 35 36 37

DRILLERS IDENTIFICATION NO. 42

OWNER: ALEXANDER THOMAS LAST NAME FIRST NAME

STREET OR RFD: 16935 PINDELL SCHOOL ROAD POST OFFICE: FULTON, MD. 20759

WELL LOG

STATE THE KIND OF FORMATIONS PENETRATED, THEIR COLOR, DEPTH, THICKNESS AND IF WATER BEARING

DESCRIPTION (USE ADDITIONAL SHEETS IF NECESSARY)	FEET		CHECK IF WATER BEARING
	FROM	TO	
Top Soil	0	3	
Sh. l.	3	10	
SPUD Stone	10	45	
MICA	45	50	
SHUD Stone	50	70	✓
MICA	70	140	

GROUTING RECORD

WELL HAS BEEN GROUTED (CIRCLE APPROPRIATE BOX) YES NO

TYPE OF GROUTING MATERIAL (CIRCLE BOX) CEMENT BENTONITE CLAY

CEMENT 45 46 45 46

NO. OF BAGS 5 NO. OF POUNDS 500

GALLONS OF WATER 25

DEPTH OF GROUT SEAL (TO NEAREST FOOT)

FROM 0 FT. TO 20 FT.

(ENTER 0 IF FROM SURFACE)

CASING RECORD

CASING TYPES (INSERT APPROPRIATE CODE BELOW)

S T STEEL C O CONCRETE

P L PLASTIC O T OTHER

MAIN CASING TYPE S T 6 NOMINAL DIAMETER TOP (MAIN) CASING (NEAREST INCH) 6 TOTAL DEPTH OF MAIN CASING (NEAREST FOOT) 25

60 61 63 64 66 70

OTHER CASING (IF USED)

DIAMETER (INCH) _____ DEPTH (FEET) FROM _____ TO _____

E A C H C A S I N G

SCREEN RECORD

SCREEN TYPE OR OPEN HOLE (INSERT APPROPRIATE CODE BELOW)

S T STEEL B R BRASS OR BRONZE H O OPEN HOLE

P L PLASTIC O T OTHER

DEPTH (NEAREST WHOLE FOOT)

FROM 140 TO 23 140

1 2 3 (SEQ. NO.) 6

8 9 11 15 17 21

23 24 26 30 32 36

38 39 41 45 47 51

SLOT SIZE 1. _____ 2. _____ 3. _____

DIAMETER OF SCREEN 56 (NEAREST INCH) FROM _____ TO _____

GRAVEL PACK _____

IF WELL DRILLED WAS A FLOWING WELL CIRCLE BOX 66 F

WRA USE ONLY (NOT TO BE FILLED IN BY DRILLER)

T 70 LOG TELESCOPE CASING

(E.R.O.S.) 72 LOG INDICATOR

W O 74 75 76 OTHER DATA AVAILABLE

PUMPING TEST

1 2 3 (SEQ. NO.) 6

HOURS PUMPED (TO NEAREST HOUR) 2

PUMPING RATE (GALLONS PER MINUTE TO NEAREST GALLON) 6

METHOD USED TO MEASURE PUMPING RATE BUCKET

WATER LEVEL: (DISTANCE FROM LAND SURFACE)

BEFORE PUMPING 10 (NEAREST FOOT)

WHEN PUMPING 140 (NEAREST FOOT)

TYPE OF PUMPED USED (CIRCLE APPROPRIATE BOX) (FOR PUMPING TEST)

A AIR P PISTON T TURBINE

C CENTRIFUGAL R ROTARY O OTHER (DESCRIBE BELOW)

J JET S SUBMERSIBLE

PUMP INSTALLED

TYPE OF PUMP (WRITE APPROPRIATE LETTER IN BOX - SEE ABOVE: A, C, J, P, R, S, T, O)

ORILLER WILL INSTALL PUMP (CIRCLE APPROPRIATE BOX) YES NO

CAPACITY: GALLONS PER MINUTE (TO NEAREST GALLON) _____

PUMP HORSE POWER _____

PUMP COLUMN LENGTH (NEAREST FOOT) _____

CASING HEIGHT (CIRCLE APPROPRIATE BOX AND ENTER CASING HEIGHT)

ABOVE } LAND SURFACE 2 (NEAREST FOOT)

BELOW } _____

49 50 51

LOCATION OF WELL ON LOT

SHOW PERMANENT STRUCTURE SUCH AS BUILDINGS, SEPTIC TANKS, AND/OR OTHER LAND MARKS AND INDICATE NOT LESS THAN TWO DISTANCES (MEASUREMENTS TO WELL).

CIRCLE APPROPRIATE BOXES

A A WELL WAS ABANDONED AND SEALED WHEN THIS WELL WAS COMPLETED

E ELECTRIC LOG OBTAINED

P TEST WELL CONVERTED TO PRODUCTION WELL

I HEREBY CERTIFY THAT I HAVE COMPLIED WITH ALL CONDITIONS STATED ON THE ABOVE-CAPTIONED "PERMIT TO DRILL WELL", AND THAT INFORMATION CONTAINED IN THIS REPORT IS TRUE, ACCURATE, AND COMPLETE TO THE BEST OF MY KNOWLEDGE, INFORMATION AND BELIEF.

DRILLERS NAME _____

(PLEASE PRINT) _____

SIGNATURE _____

~~1/25/78~~ 2/1/78 Recall (Hold for supervisor)
Well driller confirmation
1/9/78
FILE (Emergency Well Number) Well Inspection DATE REPORTED 1/3/77

PROPERTY OWNER Thomas Alexander

P.O. ADDRESS 6935 Pindell School Road, Fulton, Md. TELEPHONE 531-5083

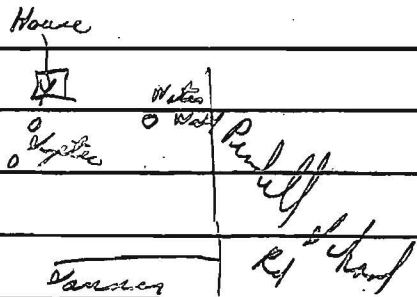
DIRECTIONS TO PROPERTY

INFORMANT Mr. Alexander states that is well is dry - pumps about 1 pint a minute - and that he does not have sufficient water supply to maintain his household on this.

Easterday - Well driller
HO 78-E-1

CONDITION FOUND 1/5/78 Checked - found Water at sink recently increased of water available per Mrs Alexander Hold for supervisor. (Possible - fire hazard?)
1/5/78 Discussed with C.B.S. D.W.M. - Check on well driller with Alexanders. Called They are to call us back 1/9/78 8:30-9:30 and let us know who the well driller shall be. Hold

ACTION TAKEN for 1/9/78 phone call
5' Ring of cement P.W.O. close to Pindell School Rd.
2/1/78 20' Well grout (filled)
25' Well casing P.W.O.
C.B.S.



FINAL DISPOSITION R. 32